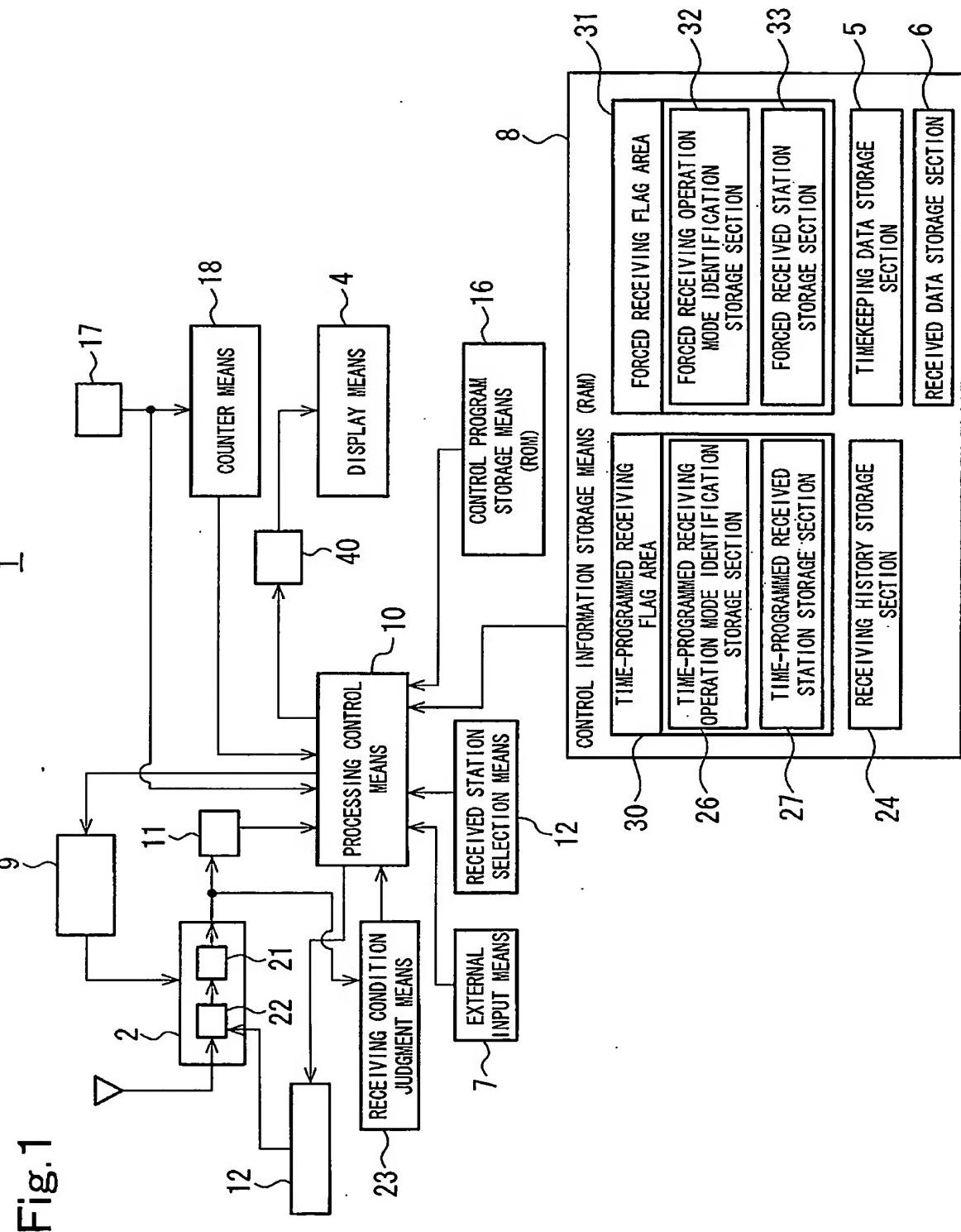
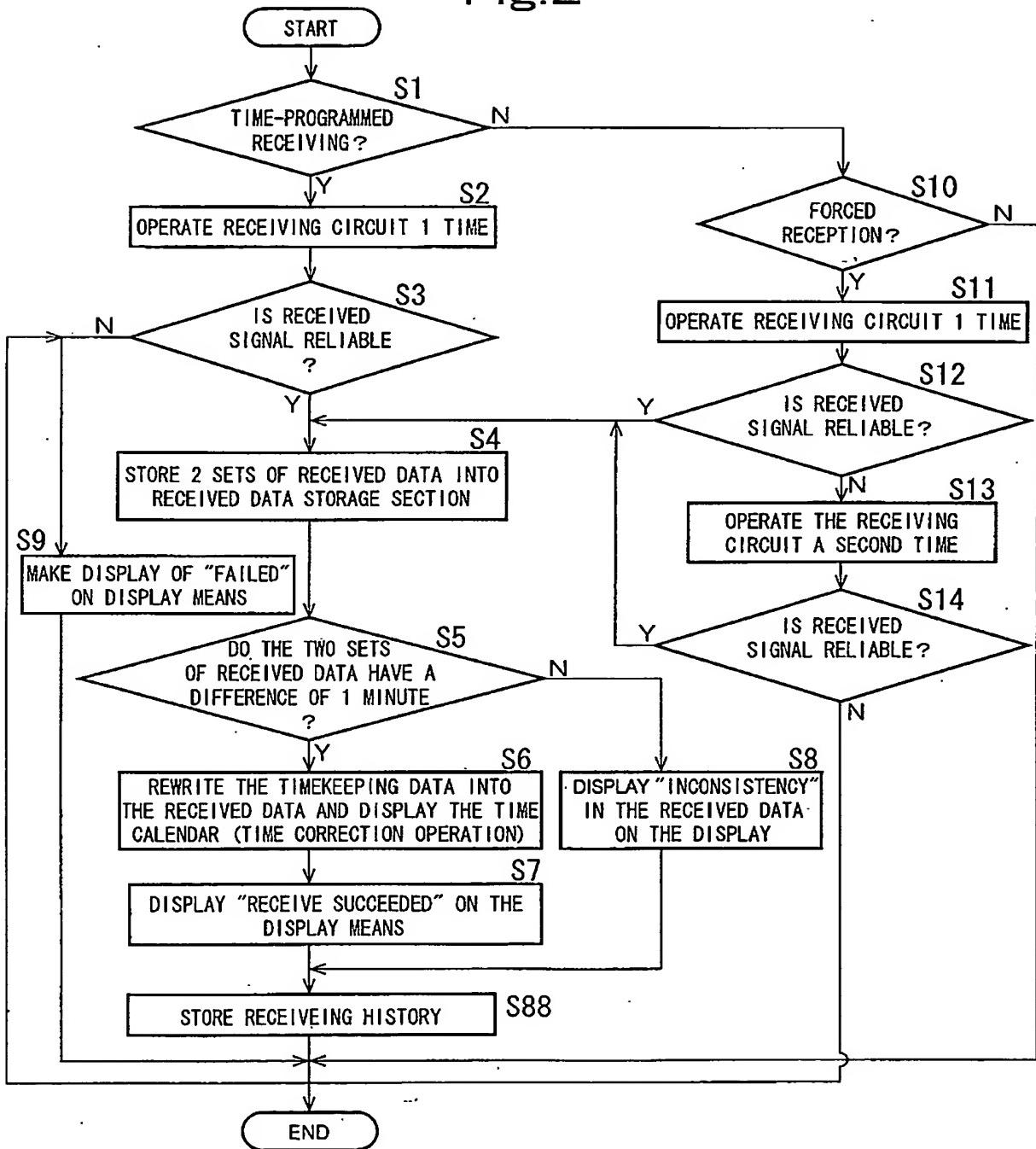


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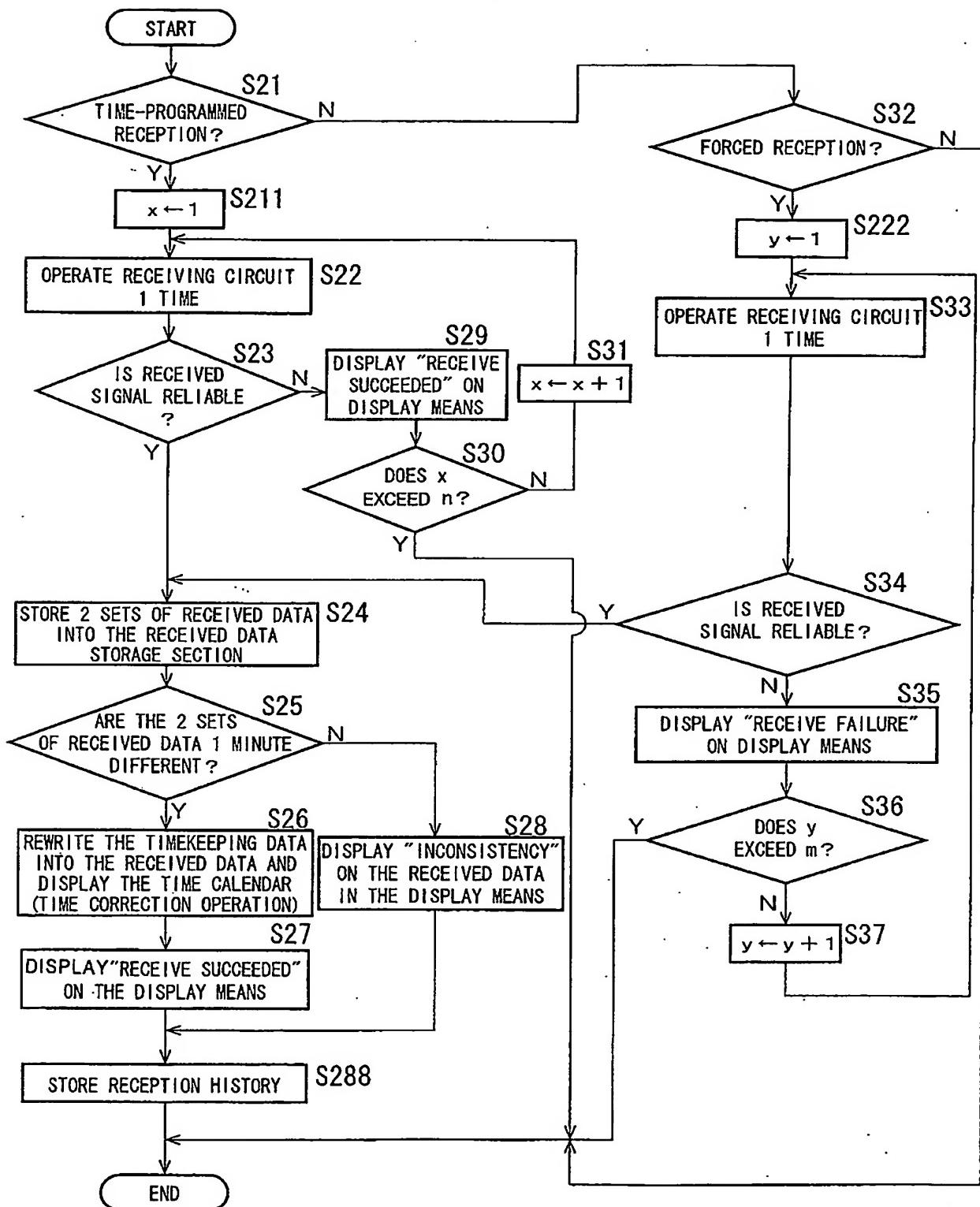
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Fig.2



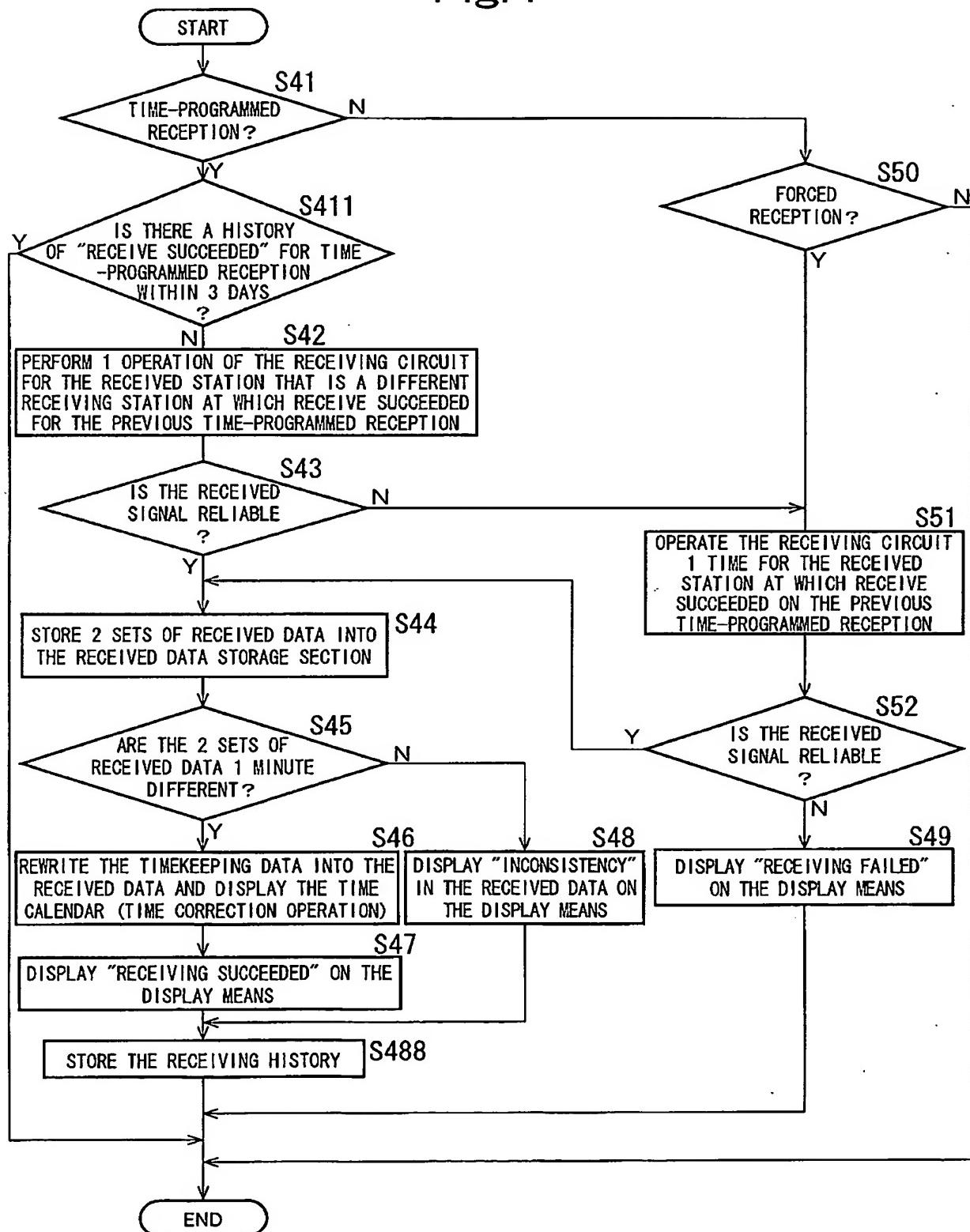
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Fig.3



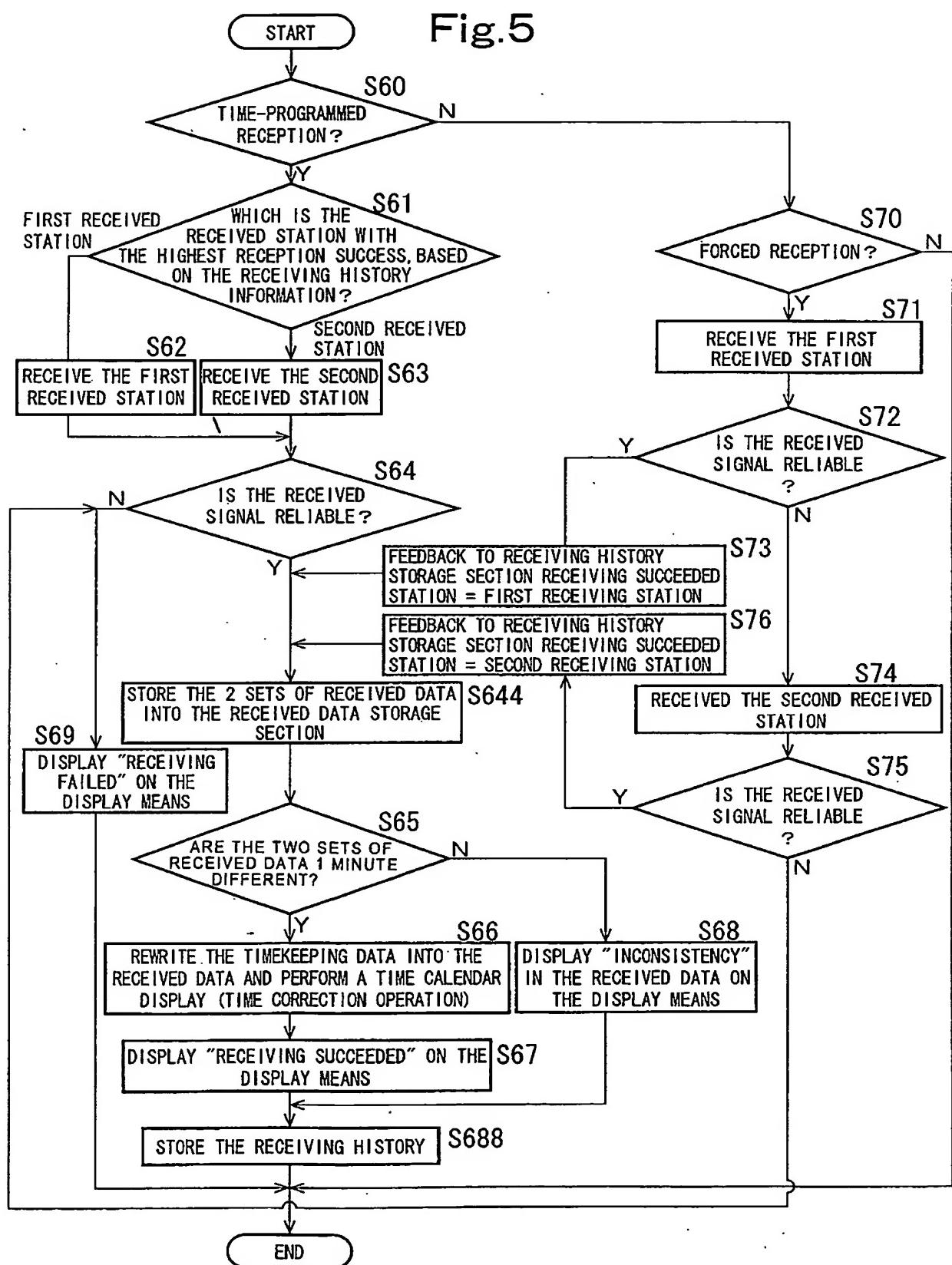
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Fig.4



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Fig.5



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Fig.6

FIRST TIME-PROGRAMMED
RECEPTION MODE
(FIRST RECEIVED STATION)

SECOND TIME-PROGRAMMED
RECEPTION MODE
(FIRST RECEIVED STATION)

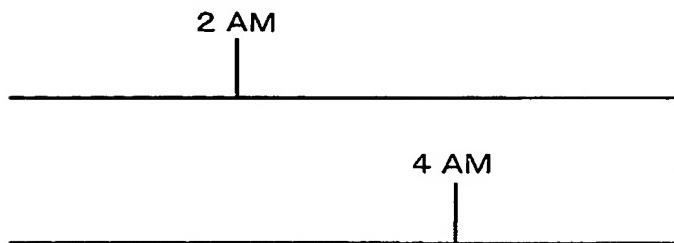


Fig.7

FIRST TIME-PROGRAMMED
RECEIVING MODE
(FIRST RECEIVED STATION)

SECOND TIME-PROGRAMMED
RECEIVING MODE
(SECOND RECEIVED STATION)

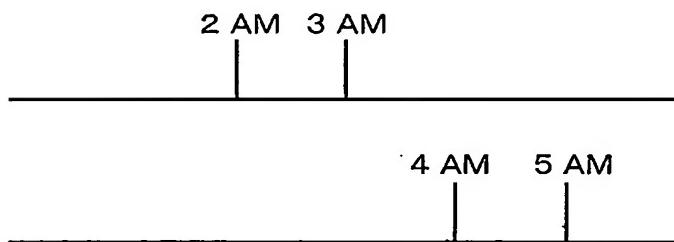
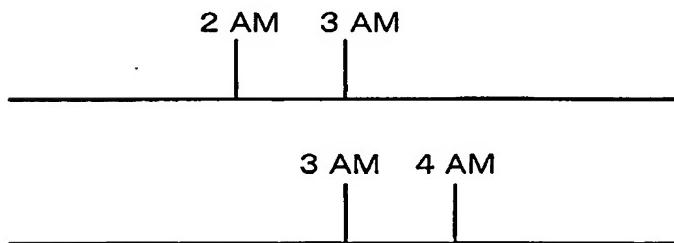


Fig.8

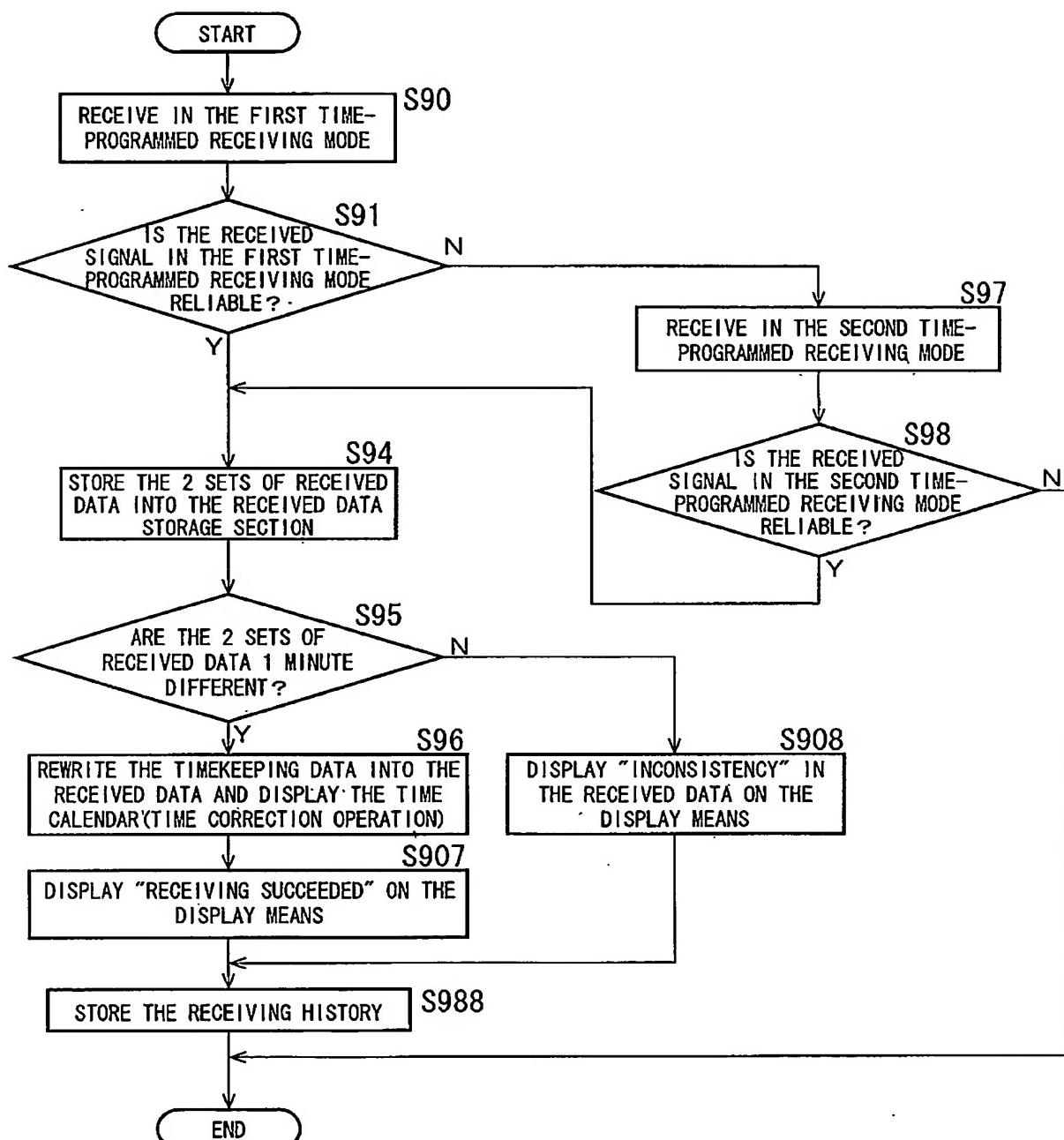
FIRST TIME-PROGRAMMED
RECEIVING MODE
(FIRST RECEIVED STATION)

SECOND TIME-PROGRAMMED
RECEIVING MODE
(SECOND RECEIVED STATION)



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Fig.9



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Fig.10

| | OPERATION | PERFORMANCE |
|------------------------------|---------------------|---|
| FIRST FORCED RECEPTION MODE | PRESS FIRST BUTTON | RECEIVE FIRST RECEIVED STATION 2 TIMES |
| SECOND FORCED RECEPTION MODE | PRESS SECOND BUTTON | RECEIVE SECOND RECEIVED STATION 3 TIMES |

Fig.11

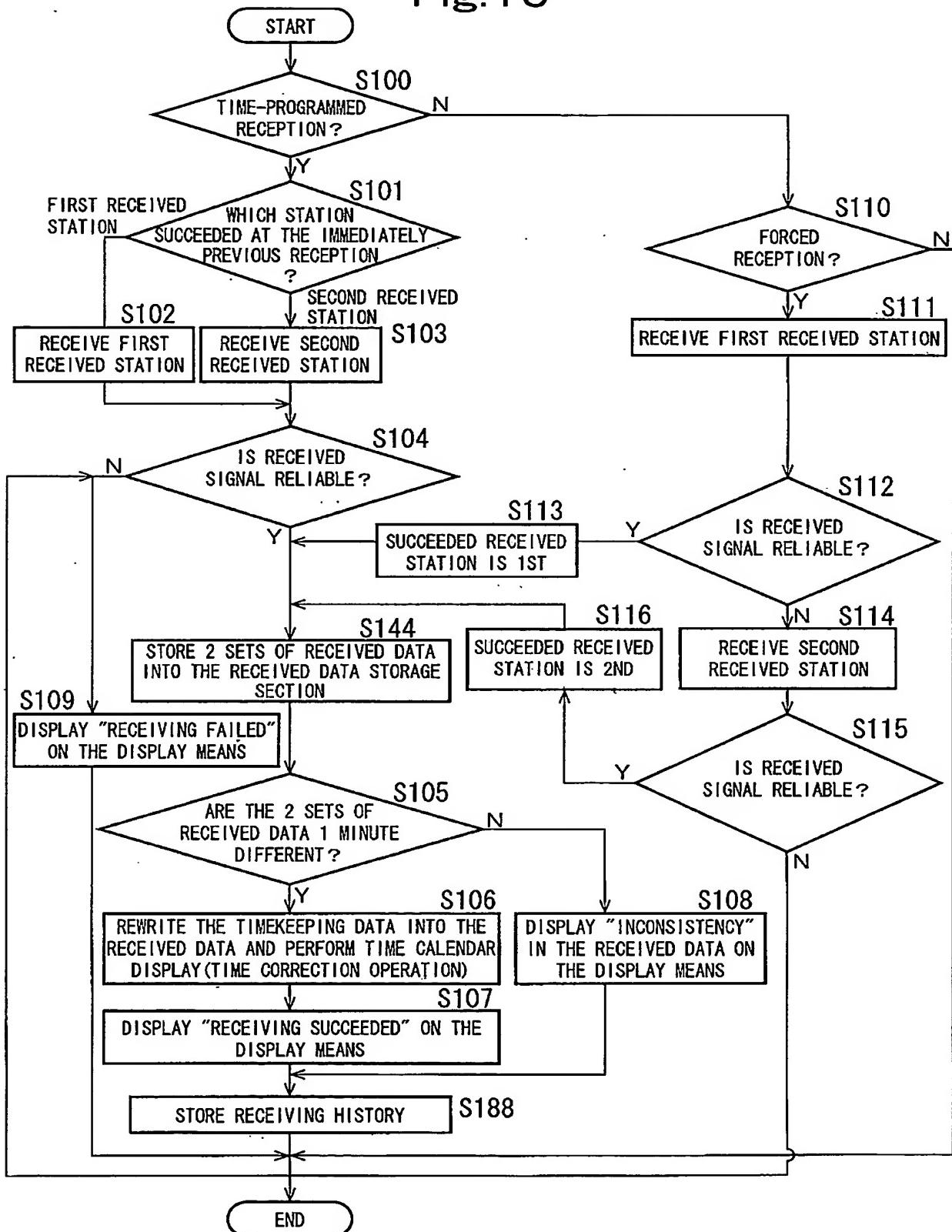
| | OPERATION | PERFORMANCE |
|------------------------------|---------------------|---------------------------------|
| FIRST FORCED RECEPTION MODE | PRESS FIRST BUTTON | RECEIVE FIRST RECEIVED STATION |
| SECOND FORCED RECEPTION MODE | PRESS SECOND BUTTON | RECEIVE SECOND RECEIVED STATION |

Fig.12

| | OPERATION | PERFORMANCE |
|------------------------------|------------------------------------|---|
| FIRST FORCED RECEPTION MODE | PRESS FIRST BUTTON MOMENTARILY | RECEIVE FIRST RECEIVED STATION |
| SECOND FORCED RECEPTION MODE | PRESS FIRST BUTTON FOR A LONG TIME | RECEIVE THE FIRST RECEIVED STATION AND THEN THE SECOND RECEIVED STATION |

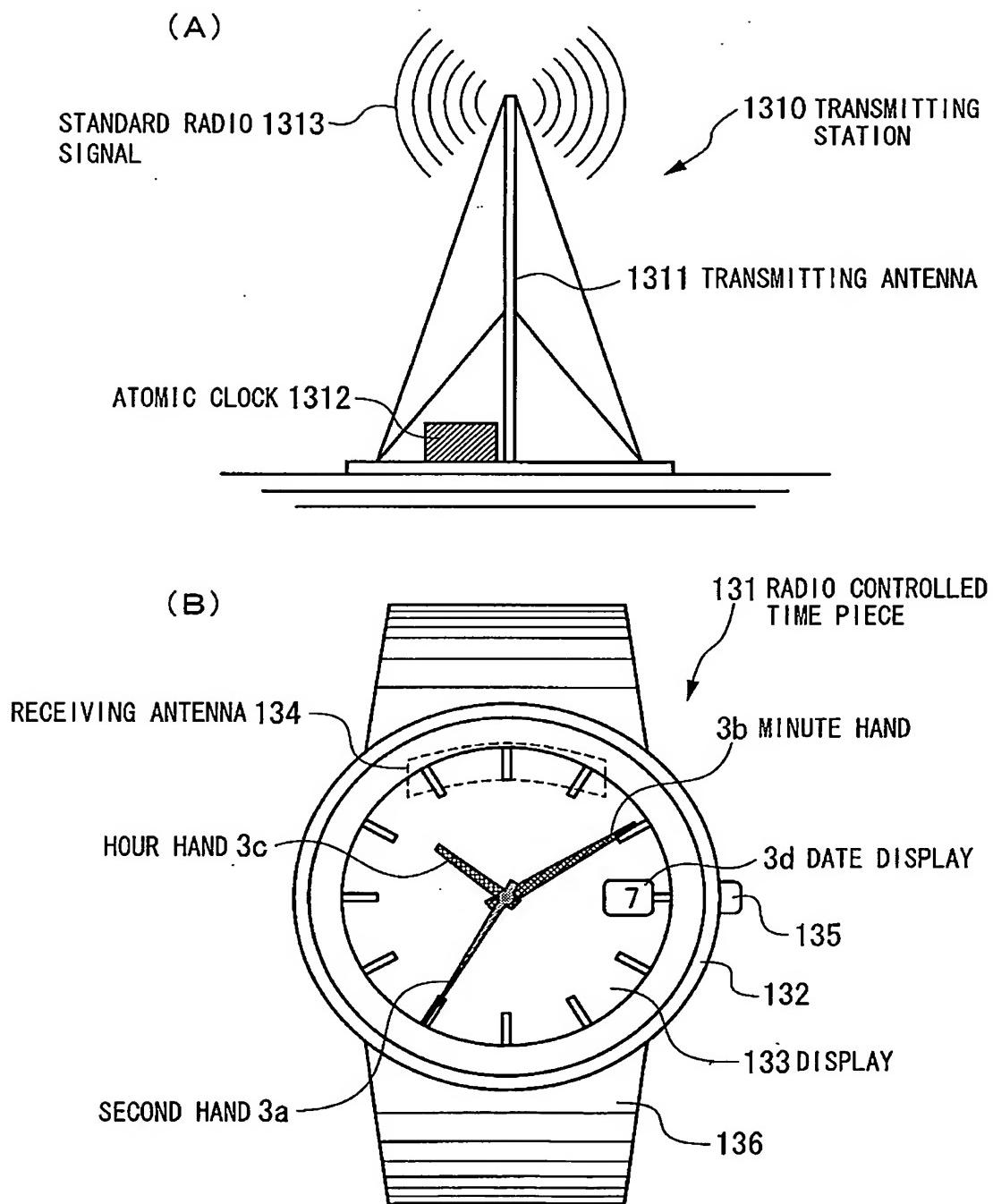
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Fig.13

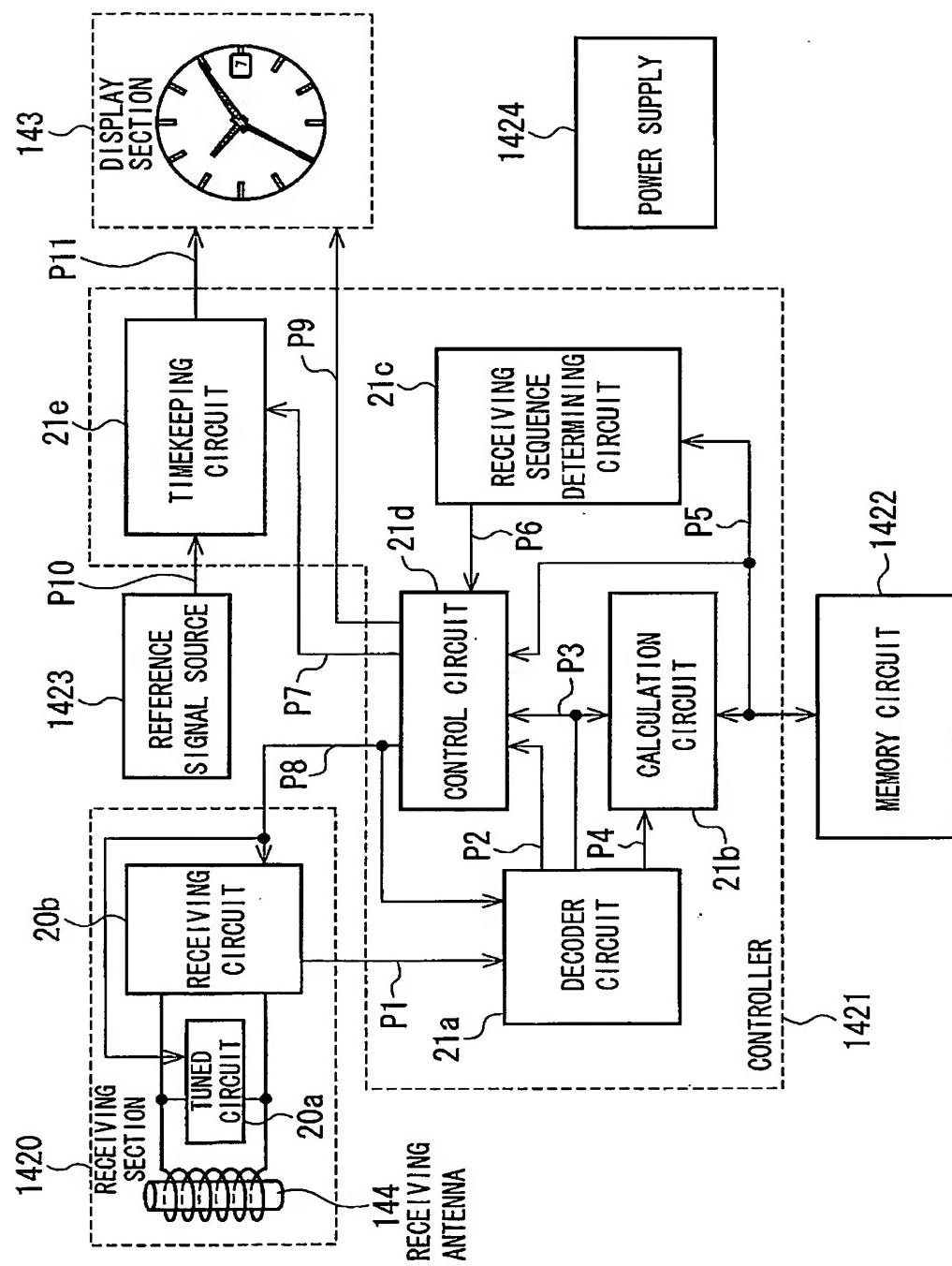


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Fig.14



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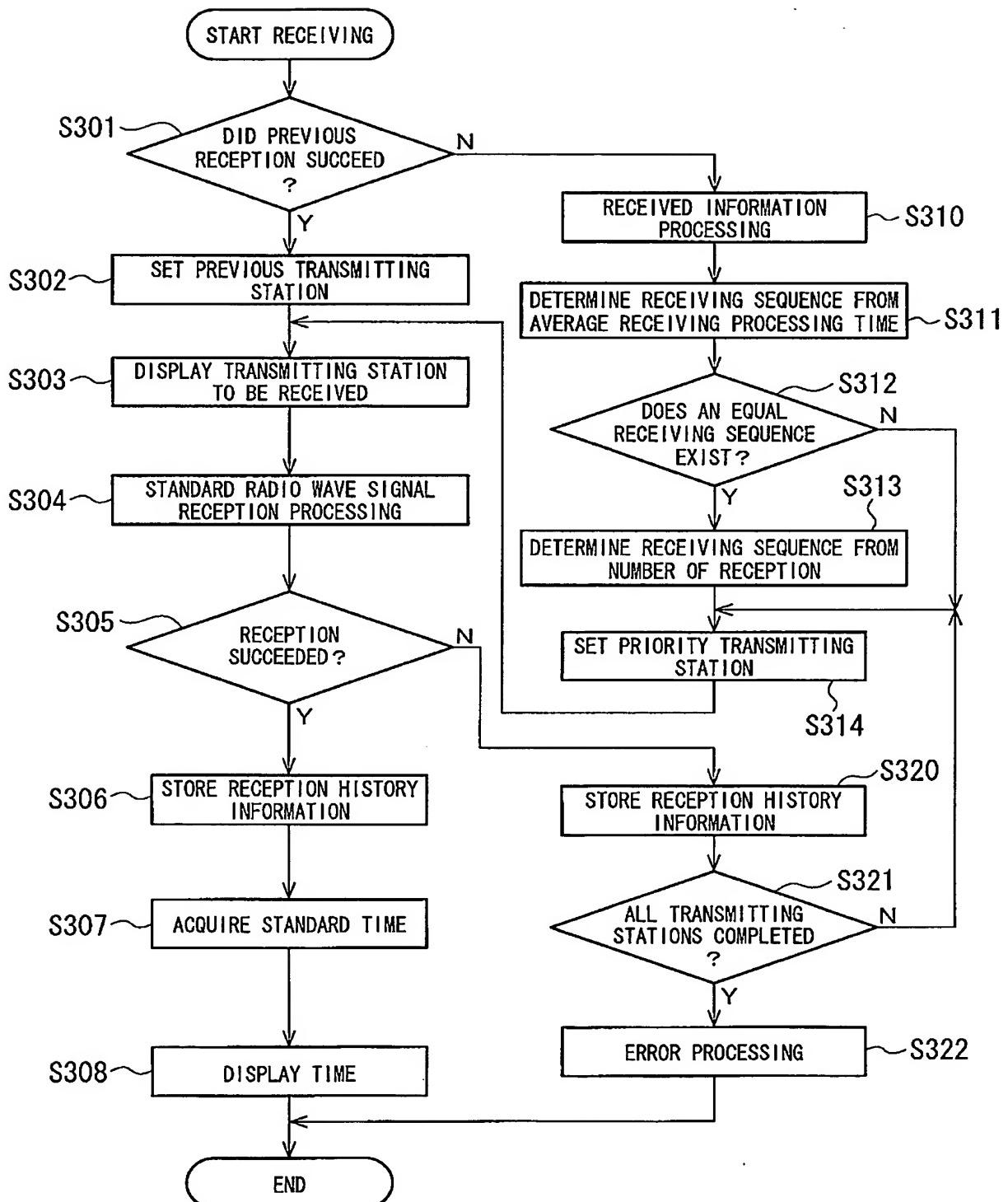
Fig.16

RECEIVING HISTORY INFORMATION TABLE

| ADDRESS | RECEIVED TRANSMITTING STATION | RECEIVING PROCESSING TIME | RECEIVED LEVEL |
|---------|-------------------------------|---------------------------|----------------|
| 1 | JJY FUKUSHIMA STATION | 3 MINUTES | H |
| 2 | JJY KYUSHU STATION | 6 MINUTES | H |
| 3 | JJY KYUSHU STATION | 5 MINUTES | M |
| 4 | RECEIVING ERROR | --- | --- |
| 5 | DCF77 | 8 MINUTES | L |
| 6 | DCF77 | 7 MINUTES | M |
| 7 | WWVB | 5 MINUTES | M |
| 8 | JJY FUKUSHIMA STATION | 2 MINUTES | H |
| 9 | JJY FUKUSHIMA STATION | 5 MINUTES | H |
| 10 | JJY KYUSHU STATION | 4 MINUTES | M |
| 11 | WWVB | 10 MINUTES | L |
| 12 | JJY FUKUSHIMA STATION | 6 MINUTES | M |
| . | . | . | . |
| . | . | . | . |
| N | . | . | . |

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Fig.17



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Fig. 18

(a) HISTOGRAM RECEIVED INFORMATION TABLE

| ADDRESS | TRANSMITTING STATION | NUMBER OF SUCCESSFUL RECEIPTIONS | ACCUMULATED RECEIVING PROCESSING TIME | AVERAGE RECEIVING TIME | AVERAGE RECEPTION LEVEL |
|---------|-----------------------|----------------------------------|---------------------------------------|------------------------|-------------------------|
| 100 | JJY FUKUSHIMA STATION | 1 0 | 45 MINUTES | 4.5 MINUTES | H |
| 101 | JJY KYUSHU STATION | 7 | 31.5 MINUTES | 4.5 MINUTES | M |
| 102 | WWVB | 5 | 30 MINUTES | 6.0 MINUTES | M |
| 103 | DCF77 | 5 | 35 MINUTES | 7.0 MINUTES | M |

(b) HISTOGRAM RECEIVED INFORMATION TABLE

| ADDRESS | TRANSMITTING STATION | NUMBER OF SUCCESSFUL RECEIPTIONS | ACCUMULATED RECEIVING PROCESSING TIME | AVERAGE RECEIVING TIME | AVERAGE RECEPTION LEVEL |
|---------|-----------------------|----------------------------------|---------------------------------------|------------------------|-------------------------|
| 100 | JJY FUKUSHIMA STATION | 1 0 | 45 MINUTES | 4.5 MINUTES | H |
| 101 | JJY KYUSHU STATION | 7 | 35 MINUTES | 5.0 MINUTES | M |
| 102 | WWVB | 5 | 30 MINUTES | 6.0 MINUTES | M |
| 103 | DCF77 | 4 | 24 MINUTES | 6.0 MINUTES | L |

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Fig.19

